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Practitioner's Docket No. 701586-54982-US

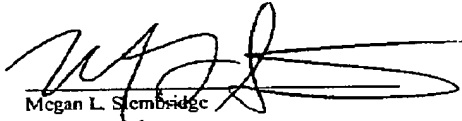
PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Charles R. Cantor et al.  
Application No.: 10/589,709  
Filed (I.A.): February 18, 2005

Examiner: To be assigned  
Group No.: To be assigned  
Customer No.: 50607

For: METHOD FOR DETECTING AND QUANTIFYING RARE  
MUTATIONS/POLYMORPHISMS

CERTIFICATE OF FACSIMILE	
I hereby certify that this correspondence, on the date shown below, is being faxed to the U.S. PTO General Facsimile No. (571) 273-8300 address to: Commissioner of Patents, Box 1450, Alexandria, VA 22313-1450.	
Date: October <u>24</u> , 2006	 Megan L. Sembridge

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached Form 1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

## REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

- X   (1) within three (3) months of the Filing Date or **before the mailing date of the First Office Action** on the merits; or
- (2) within three months of the mailing date of the European Search Report – copy enclosed herewith; or
- (3) after the period defined in (1) but before the mailing date of a **Final Rejection** or **Notice of Allowance**, and the requisite Certification or fee under Rule 1.17(p), namely **\$180.00**, is included herein; or

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- \_\_\_\_ (4) after the mailing date of a **Final Rejection** or **Notice of Allowance** but before the payment of the **Issue Fee**, and the requisite Certification, petition, and petition fee are included herein.

It is respectfully requested that each of the documents shown on the attached form(s) PTO/SB/08 be made of record in this application. Copies of these documents:

- X are enclosed herewith; and  
X Pursuant to 37 C.F.R. §1.98, copies of the U.S. patents and U.S. patent application publications (i.e., Reference Cite No. A3-A6) listed on the attached PTO/SB/08 form is no longer required and therefore are not enclosed. These documents can be found in the U.S. PTO issued patents database.

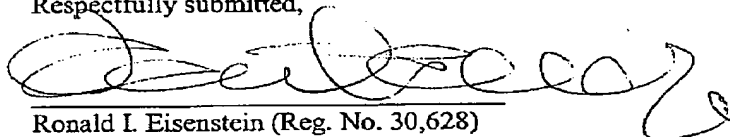
Early examination and allowance of the present application are respectfully solicited.

#### FEE AUTHORIZATION

Should any fees associated with the submission be required, the Commissioner is authorized to charge the missing fee to our Deposit Account No. 19-2380. Any overpayments should be credited to said Deposit Account.

Date: October 24, 2006

Respectfully submitted,



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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	To be assigned
				Filing Date	August 17, 2006
				First Named Inventor	Charles R. Cantor
				Art Unit	To be assigned
				Examiner Name	To be assigned
Sheet	1	of	1	Attorney Docket Number	701586-54982-US

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U.S. PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A3	US-5,876,978	03-02-1999	Willey et al.	
	A4	US-5,643,765	07-01-1997	Willey	
	A5	US-5,639,606	06-17-1997	Willey	
	A6	US-6,013,431	01-11-2000	Soderlund et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at 222.uspto.gov or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C3	BERNARD et al., <i>Nucleic Acids Research</i> 24(8):1435-1442, 1996.	
	C4	DING et al., <i>PNAS</i> 100:3059-3064, 2003.	
	C5	DORIS et al., <i>J. Chromatography A</i> May 8;806(1):47-60, 1998.	
	C6	GARDNER et al., <i>Science</i> 301:102-105, 2003.	
	C7	HOLLAND et al., <i>PNAS</i> 88:7276-7280, 1991.	
	C8	MAIER et al., <i>Ann Neurol.</i> 52:683-688, 2002.	
	C9	SHALON et al., <i>Genome Research</i> 6(7):639-645, 1996.	
	C10	SUOMALAINEN et al., <i>Mol. Biotechnol.</i> 15(2):123-131, 2000.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

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